

## **Abstract**

Applicants disclose a method for producing a magnetic transducer with a inductive write head having a multilayer coil with a high aspect ratio and a short  
5 yoke. A damascene process is used for two coil layers and a conventional process for the third coil layer. The process of the invention allows a seed layer for the coil to be deposited on the side walls of the trenches for the first and second coil layers. In one embodiment the seed layer for the coil is preceded by an adhesion layer.

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